

## ATTACHMENT - CLAIMS LISTING

*This listing of claims will replace all prior versions, and listings, of claims in the application.*

1. (Original) A coffee composition, comprising roast and ground coffee having levels of 3,7-dimethylocta-1,6-dien-3-ol of at least  $6000 \mu\text{gkg}^{-1}$  of dried roast and ground coffee as measured in the roast and ground product using the measurement method of Likens.
2. (Original) The coffee composition of claim 1, wherein the levels of 3,7-dimethylocta-1,6-dien-3-ol in dry roast and ground coffee is at least  $8000 \mu\text{gkg}^{-1}$  as measured using the Likens method.
3. (Original) The coffee composition of claim 1, wherein the levels of 3,7-dimethylocta-1,6-dien-3-ol in dry roast and ground coffee is at least  $16,000 \mu\text{gkg}^{-1}$  as measured using the Likens method.
4. (Original) A method for manufacturing a coffee flavored beverage having enhanced in cup coffee brew flavor, said method comprising adding 3,7-dimethylocta-1,6-dien-3-ol to a roast and either whole bean or ground coffee to produce a final coffee product having at least 25% higher level of 3,7-dimethylocta-1,6-dien-3-ol than the naturally occurring level of 3,7-dimethylocta-1,6-dien-3-ol in the whole bean or ground coffee as measured using the Likens method.

5. (Original) The method of claim 4, wherein the final coffee product has levels of 3,7-dimethylocta-1,6-dien-3-ol in the final coffee product which is at least 50% higher than the naturally occurring level of 3,7-dimethylocta-1,6-dien-3-ol in the whole bean or ground coffee as measured using the Likens method.
6. (Original) The method of claim 4, wherein the final coffee product has levels of 3,7-dimethylocta-1,6-dien-3-ol in the final coffee product which is at least 100% higher than the naturally occurring level of 3,7-dimethylocta-1,6-dien-3-ol in the whole bean or ground coffee as measured using the Likens method.
7. (Original) The method of claim 4, wherein the 3,7-dimethylocta-1,6-dien-3-ol is added to whole bean coffee.
8. (Original) The method of claim 7, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises coating the whole bean with 3,7-dimethylocta-1,6-dien-3-ol dissolved in an oil carrier.
9. (Original) The method of claim 4, wherein the 3,7-dimethylocta-1,6-dien-3-ol is added to ground coffee.
10. (Original) The method of claim 9, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol dissolved in an oil carrier to the ground coffee

11-26. (Canceled)

27. (Currently Amended) The method of ~~claim 26~~ claim 4, wherein the 3,7-dimethylocta-1,6-dien-3-ol is in an encapsulated form.

28. (Currently Amended) The method of ~~claim 26~~ claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least 6000  $\mu\text{gkg}^{-1}$  whole bean or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

29. (Currently Amended) The method of ~~claim 26~~ claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least 8000  $\mu\text{gkg}^{-1}$  whole or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

30. (Currently Amended) The method of ~~claim 26~~ claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least 10,000  $\mu\text{gkg}^{-1}$  of whole or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

31. (Currently Amended) The method of ~~claim 26~~ claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to

increase the concentration of 3,7-dimethylocta-1,6-dien-3-ol to at least 16,000  $\mu\text{gkg}^{-1}$  of whole or ground coffee as measured in the whole or ground coffee using the measurement method of Likens.

32. (Currently Amended) The method of ~~claim 26~~ claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to a whole bean coffee.

33. (Currently Amended) The method of ~~claim 26~~ claim 4, wherein said adding 3,7-dimethylocta-1,6-dien-3-ol comprises adding 3,7-dimethylocta-1,6-dien-3-ol to a ground coffee.

34. (Previously Presented) A coffee composition comprising:  
roast and ground coffee; and  
encapsulated 3,7-dimethylocta-1,6-dien-3-ol.

35. (Previously Presented) The coffee composition of claim 34, wherein the encapsulated 3,7-dimethylocta-1,6-dien-3-ol comprises maltodextrin, gum arabic, tricalcium phosphate and 3,7-dimethylocta-1,6-dien-3-ol.

36. (Previously Presented) A method for preparing coffee with elevated levels of 3,7-dimethylocta-1,6-dien-3-ol, said method comprising:  
infusing green coffee with liquid or vapor form of 3,7-dimethylocta-1,6-dien-3-ol diluted in a carrier consisting of polar and/or non polar solvents.

37. (Previously Presented) The method of claim 36, further comprising heating the green coffee and 3,7-dimethylocta-1,6-dien-3-ol between 20°C and 95°C for 15 minutes to 24 hours.

38-40. (Canceled)

41. (Previously Presented) A coffee composition comprising:  
roast whole bean coffee with a 3,7-dimethylocta-1,6-dien-3-ol coating.